

FIG._1A

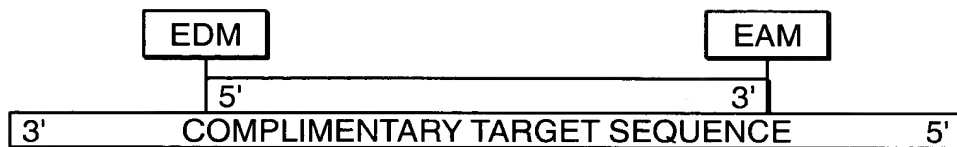


FIG._1B



FIG._1C

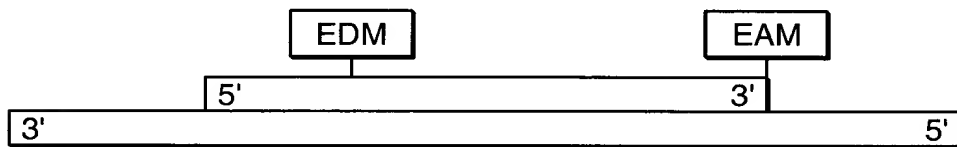


FIG._1D

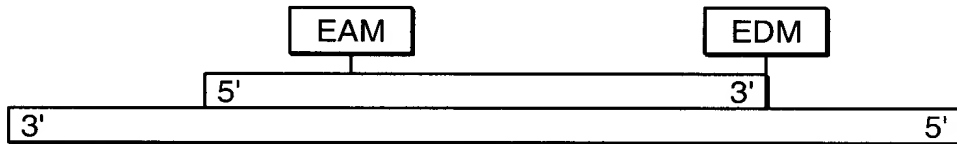


FIG._1E

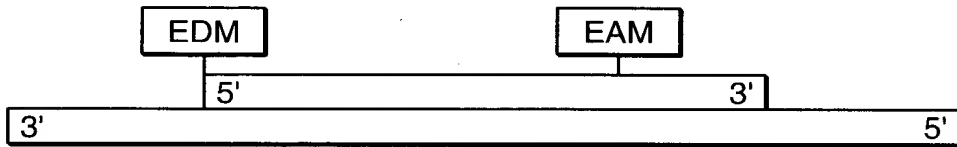


FIG._1F

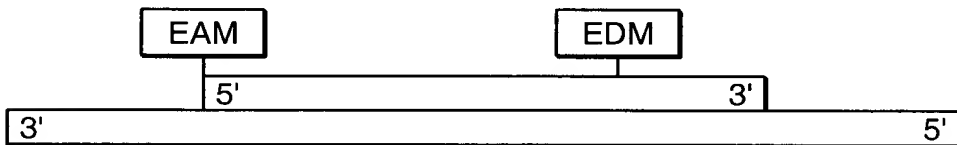


FIG._1G

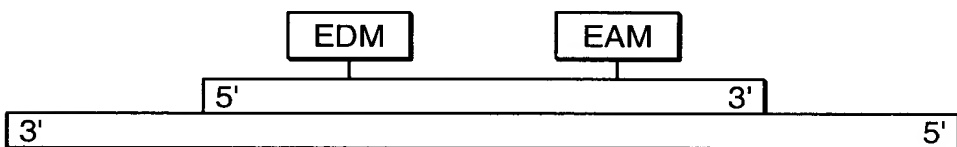
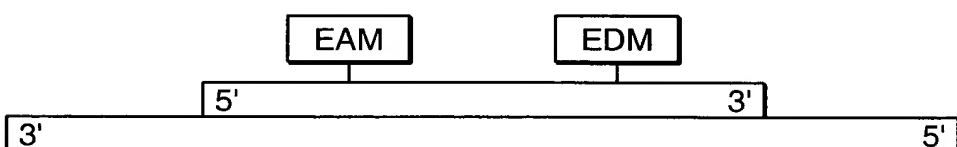
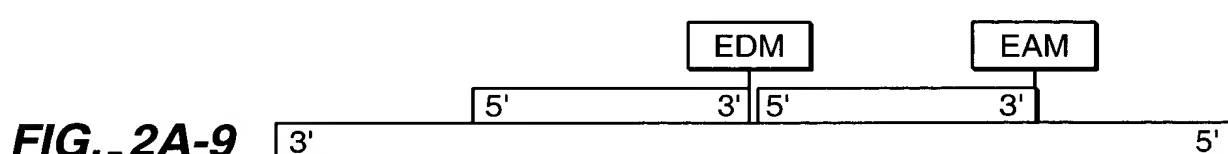
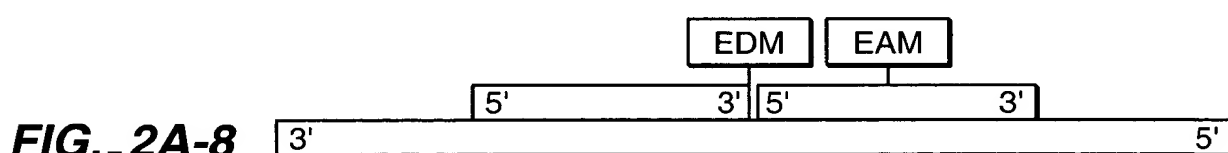
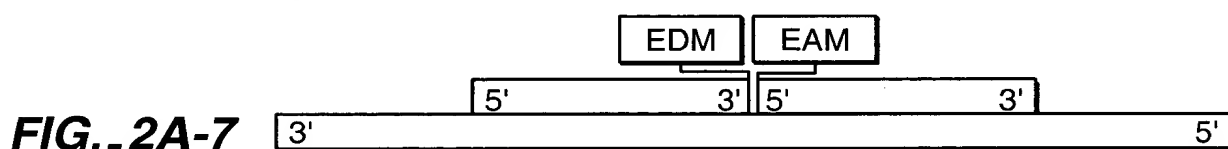
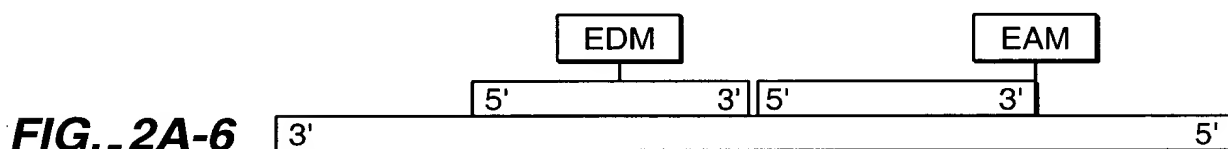
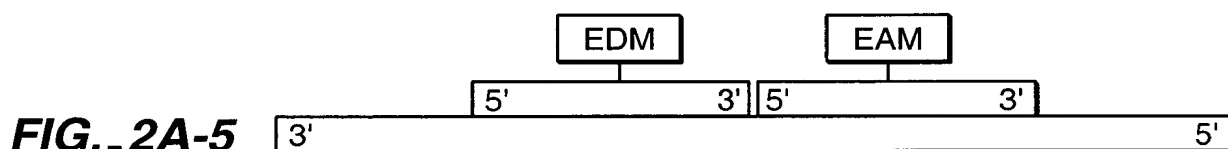
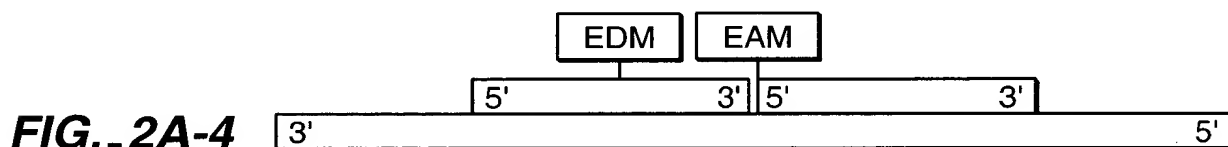
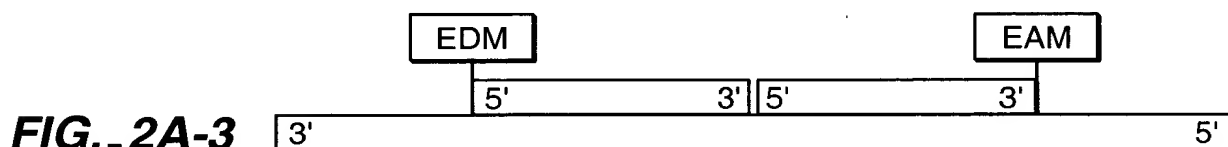
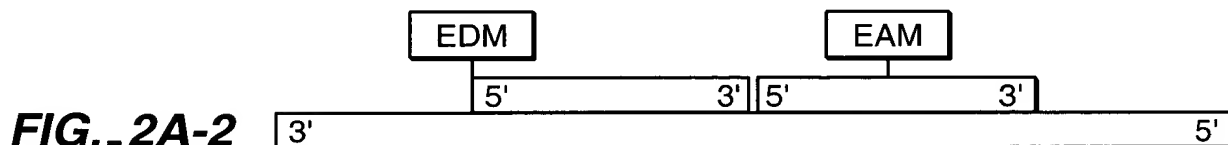
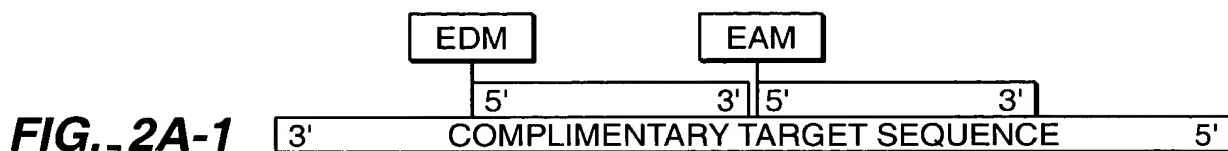


FIG._1H





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FIG..2B-1

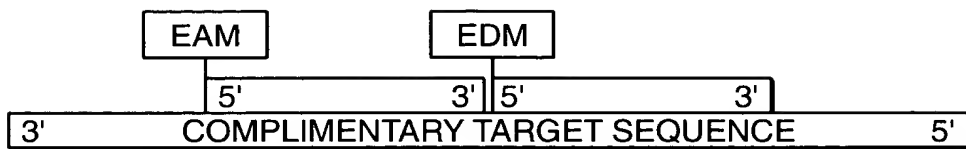


FIG..2B-2

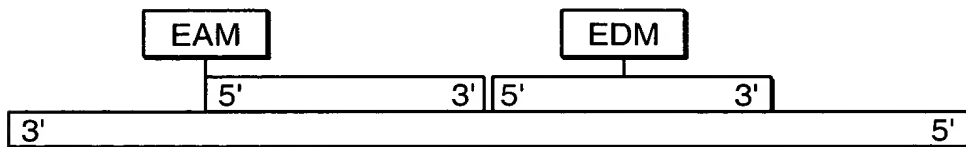


FIG..2B-3

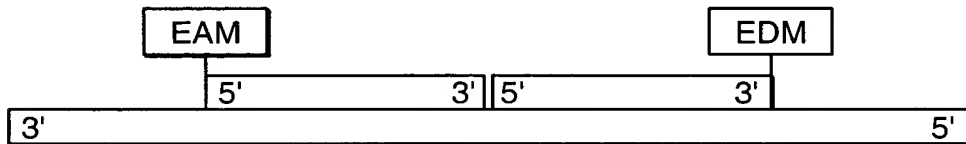


FIG..2B-4

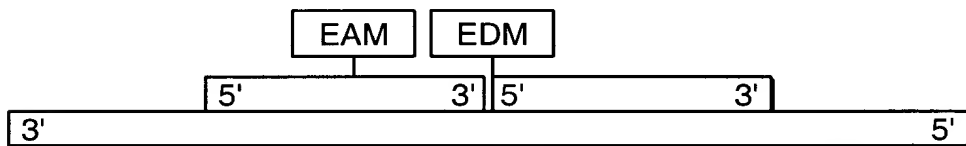


FIG..2B-5

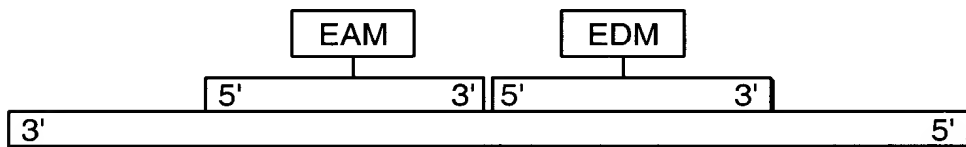


FIG..2B-6

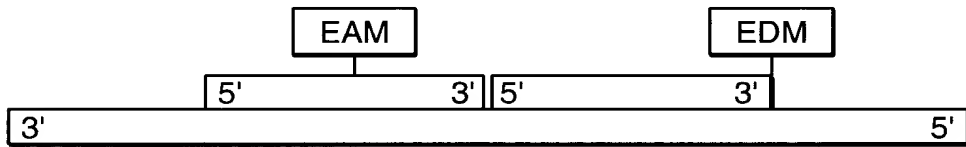


FIG..2B-7

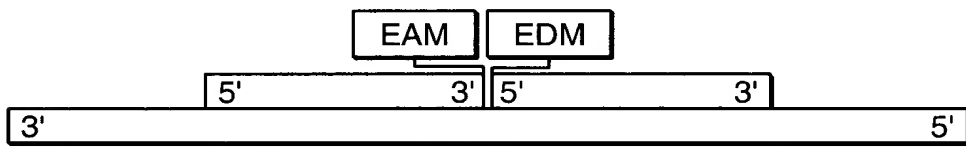


FIG..2B-8

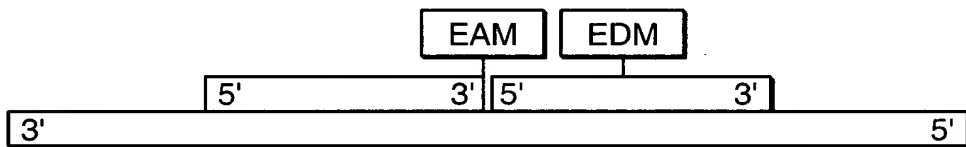


FIG..2B-9

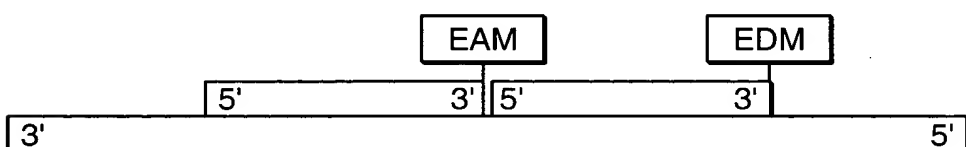
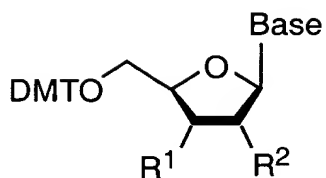


FIG..2A

FIG..2B

FIG..2

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(I) $R^1 = H$ $R^2 = NH_2$

(II) $R^1 = NH_2$ $R^2 = H$

(III) $R^1 = NH_2$ $R^2 = OH$

(IV) $R^1 = OH$ $R^2 = NH_2$

(Base) Adenine, guanine, cytosine, thymidine, uridine.

FIG._3

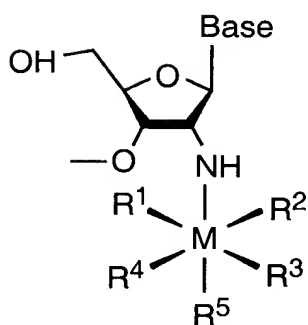


FIG._4A

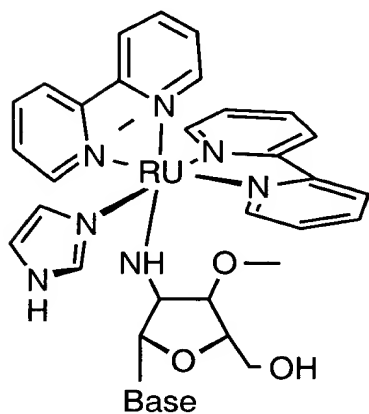


FIG._4B

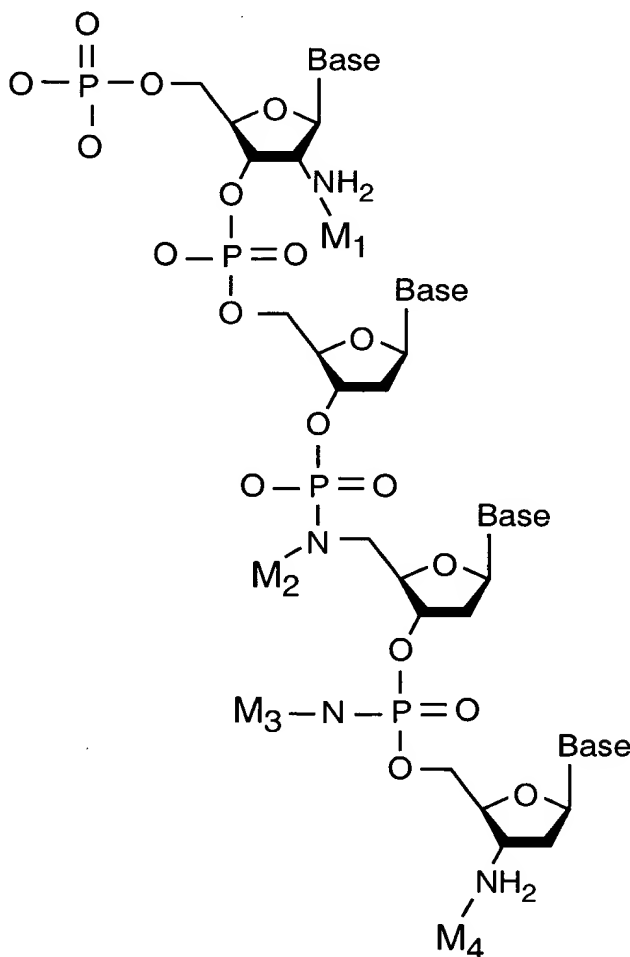


FIG._5

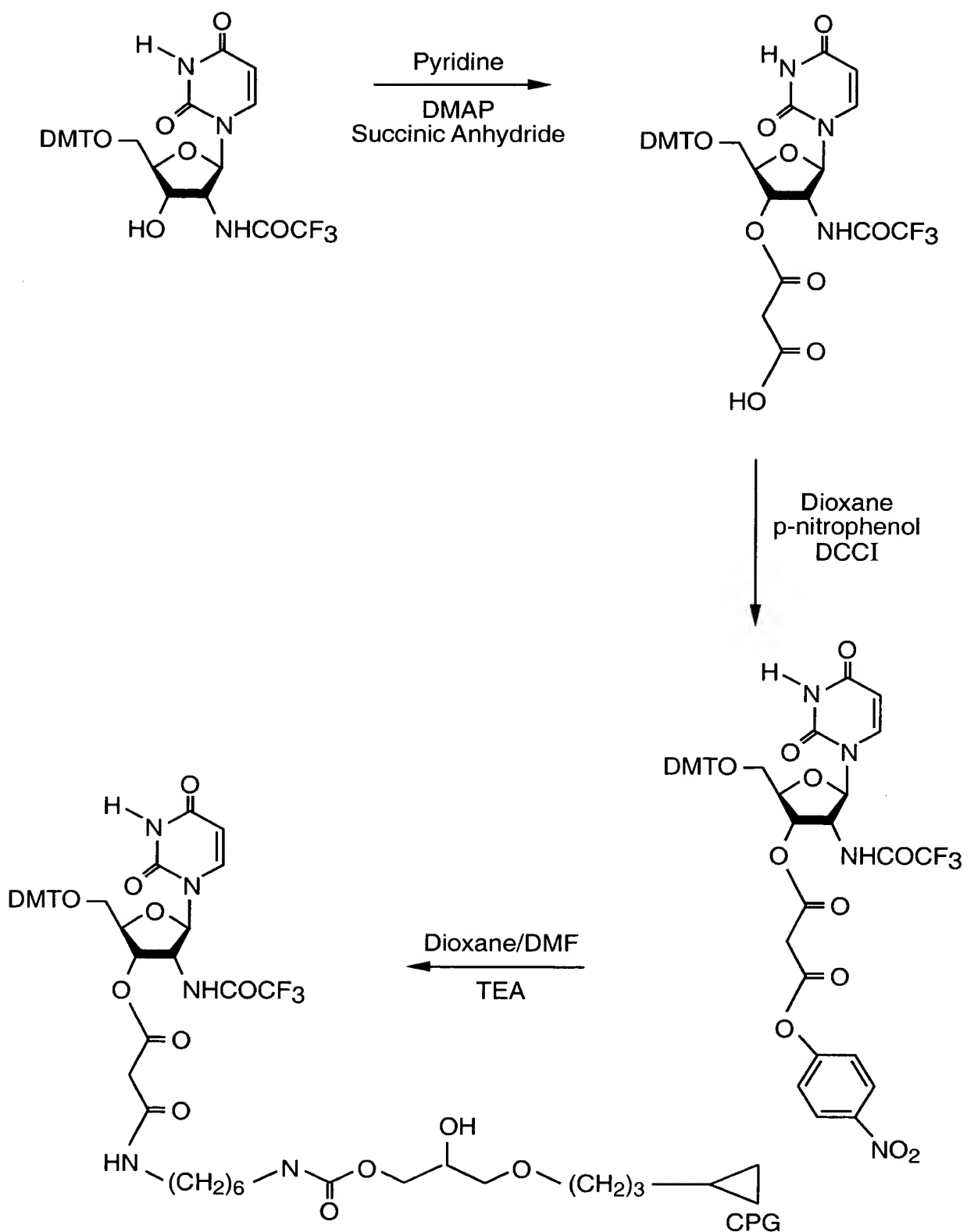
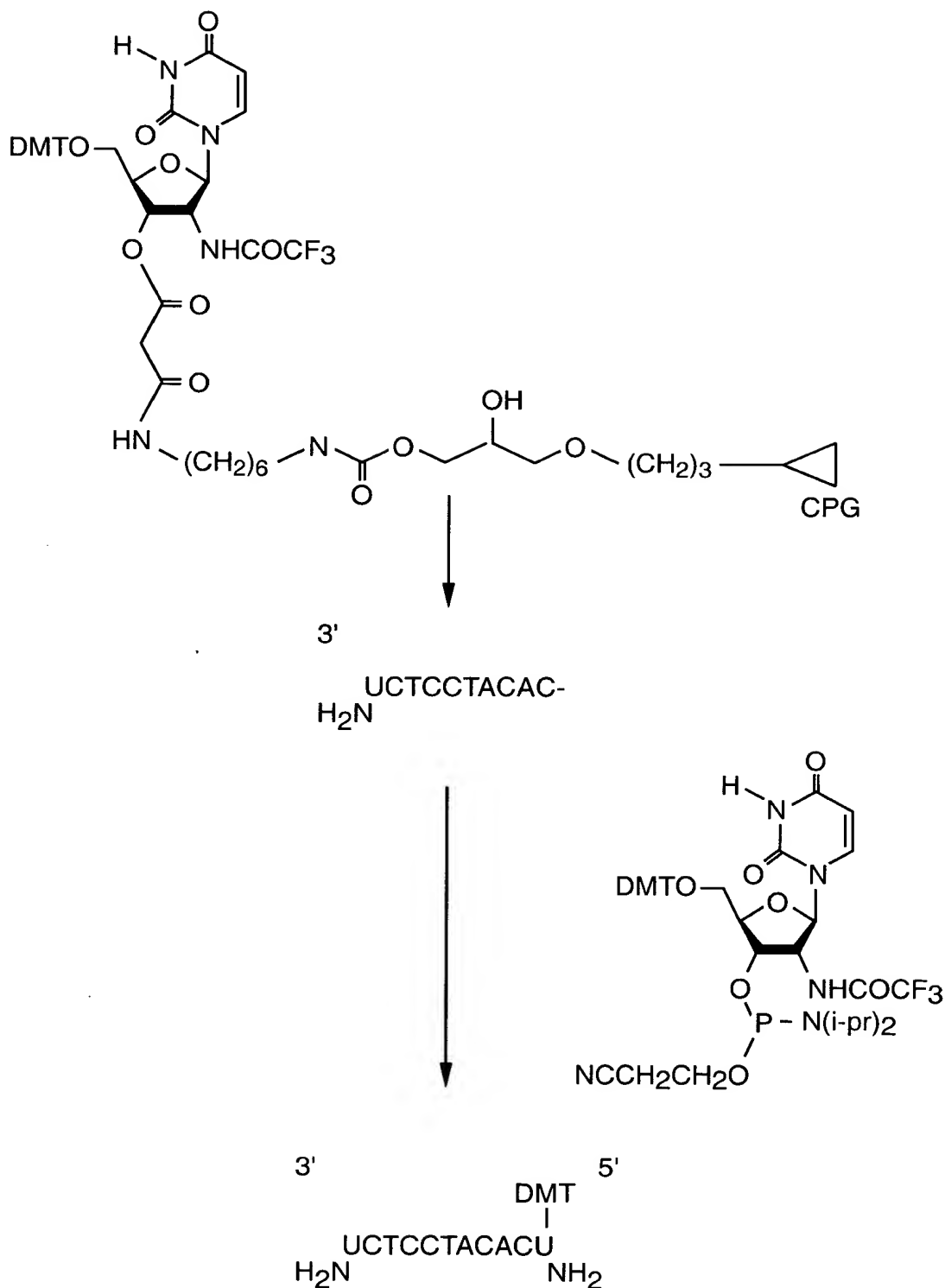


FIG. 6A



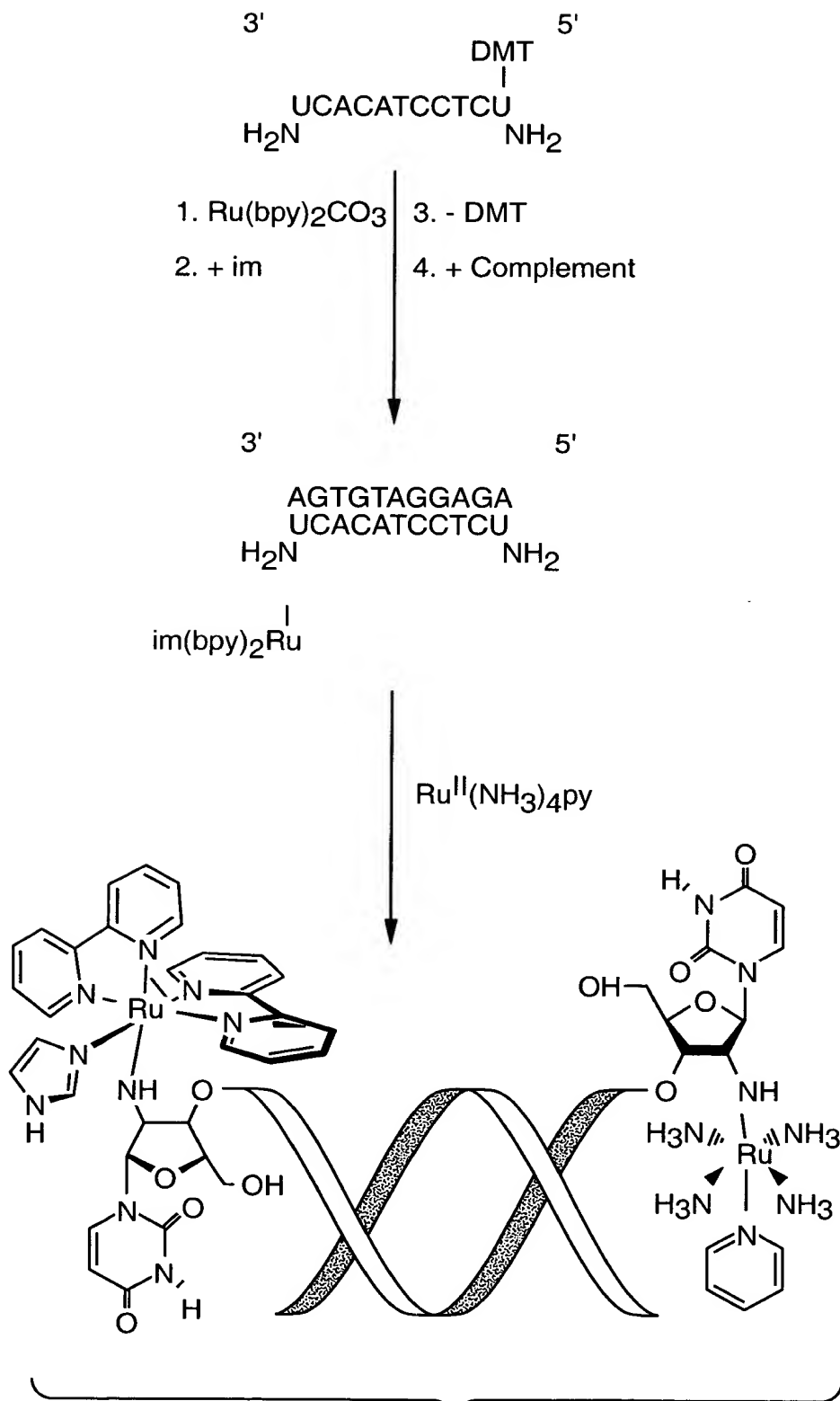


FIG. 6C

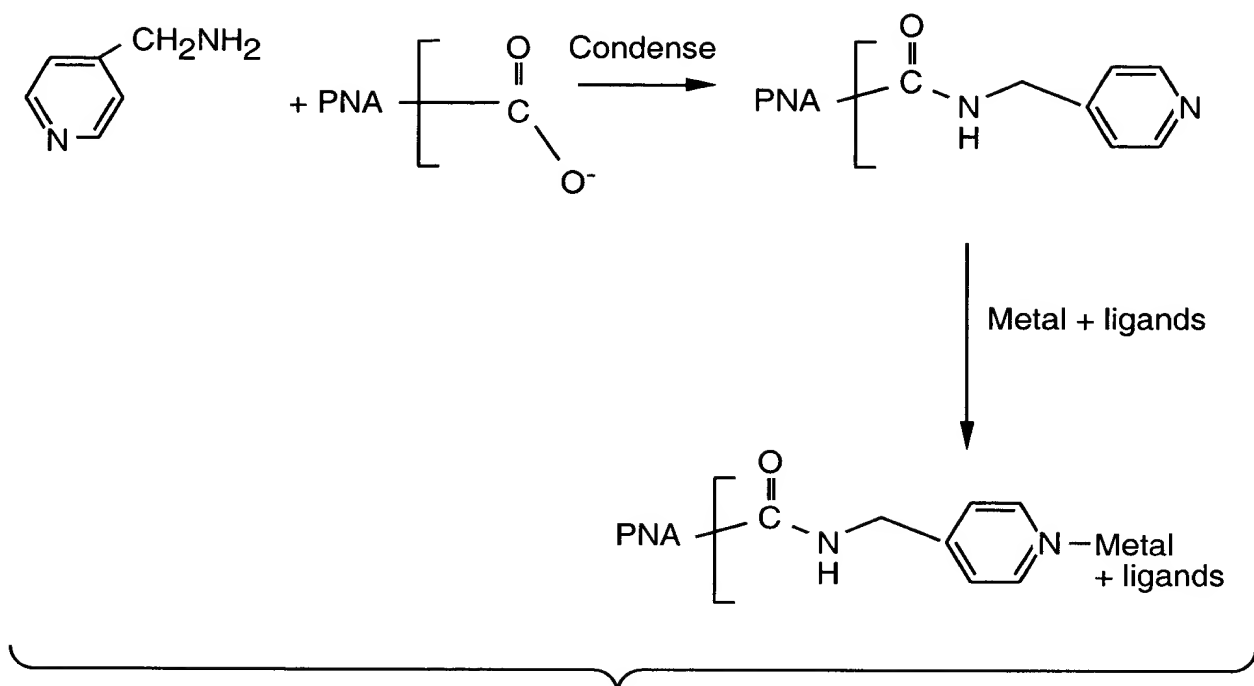


FIG._7

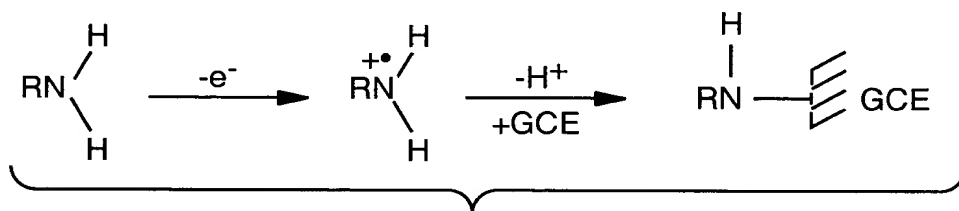


FIG._8A

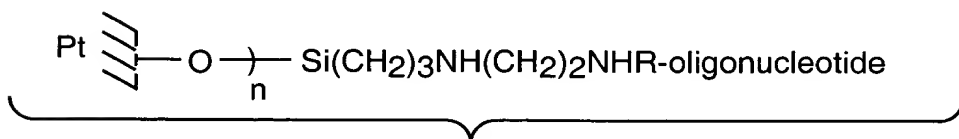


FIG._8B